## INTERNATIONAL SEARCH REPORT

International Application No PCT/US2004/010176

				.,						
A. CLASSI IPC 7	FICATION OF SUBJECT MATTER C04B35/64 B29C67/00									
According to International Patent Classification (IPC) or to both national classification and IPC										
B. FIELDS SEARCHED										
Minimum documentation searched (classification system followed by classification symbols) IPC 7 C04B B29C										
Documentation searched other than minimum documentation to the extent that such documents are included. In the fields searched										
Electronic data base consulted during the international search (name of data base and, where practical, search terms used)  EPO-Internal										
C. DOCUMENTS CONSIDERED TO BE RELEVANT										
Category °	Citation of document, with indication, where appropriate, of the rela	evant passages		Relevant to daim No.						
X	US 5 837 960 A (BARBE MICHAEL R 17 November 1998 (1998-11-17) claim 1	·	·	1-4,6, 10,12-14						
	column 1, line 19 - column 1, lir column 4, line 8 - column 4, line column 21, line 39 - column 22, l column 25, line 41 - column 25, l	e 21  ine 8	):							
A				5,7-9, 11,15,16						
A	US 4 863 538 A (DECKARD CARL R) 5 September 1989 (1989-09-05) column 2, line 35 - column 2, lin claim 1	1-16								
		*		×						
Further documents are listed in the continuation of box C.										
* Special categories of cited documents :  "T* later document published after the international filing date										
*A* document defining the general state of the art which is not considered to be of particular relevance of the considered to be of particular relevance of the considered to the organization of the considered to the consid										
filing date  "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another  "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another										
citation O' docume	"Y" document of particular relevance; the claimed invention cannot be considered to involve an invention cannot be considered to involve an inventive step when the document referring to an oral disclosure, use, exhibition or other means  "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled									
P' docume	*P' document published prior to the international filing date but later than the priority date claimed to the international filing date but later than the priority date claimed to the international filing date but later than the priority date claimed to the international filing date but later than the priority date claimed to the international filing date but later than the priority date claimed to the international filing date but later than the priority date claimed to the international filing date but later than the priority date claimed to the international filing date but later than the priority date claimed to the international filing date but later than the priority date claimed to the international filing date but later than the priority date claimed to the international filing date but later than the priority date claimed to the international filing date but later than the priority date claimed to the international filing date but later than the priority date claimed to the international filing date but later than the priority date claimed to the international filing date but later than the priority date claimed to the international filing date but later than the priority date claimed to the international filing date but later than the priority date claimed to the international filing date but later than the priority date claimed to the international filing date but later than the priority date claimed to the international filing date but later than the priority date claimed to the international filing date but later than the priority date claimed to the international filing date but later than the priority date claimed to the international filing date but later than the priority date claimed to the international filing date but later than the priority date claimed to the international filing date but later than the priority date claimed to the international filing date but later than the international filing date but later than the international filing date but later than the international filing date									
Date of the actual completion of the international search  Date of mailing of the international search report										
18	3 August 2004	01/09/2004								
Name and m	alling address of the ISA  European Patent Office, P.B. 5818 Patentiaan 2	Authorized officer								
	NL -, 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Sala, P								

## INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No PCT/US2004/010176

	itent document I in search report		Publication date		Patent family member(s)	Publication date
US	5837960	Α	17-11-1998	NONE		
US	4863538	Α	05-09-1989	AT	116179 T	15-01-1995
				AT	138294 T	15-06-1996
				AT	138293 T	15-06-1996
				AÜ	603412 B2	15-11-1990
				AU	1046688 A	06-05-1988
				AU	659289 B2	11-05-1995
	•	•		AU	3524193 A	13-05-1993
				AU	632195 B2	17-12-1992
				AU	6834690 A	14-03-1991
				BG	47343 A3	15-06-1990
				BR	8707510 A	21-02-1989
				CA	1284868 C	18-06-1991
		•		DE	3750931 D1	09-02-1995
				DE	3750931 T2	11-05-1995
				DE	3751818 D1	27-06-1996
	•		-	DE	3751818 T2	26-09-1996
				DE	3751819 D1	27-06-1996
			•	DE	3751819 T2	26-09-1996
				DE	8718128 U1	01-02-1996
				DE DK	287657 T1	18-08-1994
		•		EP	329888 A 0287657 A1	15-08-1988
				EP	0542729 A2	26-10-1988 19-05-1993
				EP	0538244 A2	21-04-1993
				FI	882881 A ,B,	16-06-1988
				НК	194796 A	01-11-1996
			•	HK	205796 A	22-11-1996
				HK	205896 A	22-11-1996
				HU	56018 A2	29-07-1991
				JP	2542783 B2	09-10-1996
				JP	6192702 A	12-07-1994
				JP	2800937 B2	21-09-1998
				JP	8260163 A	08-10-1996
		•		JP	1502890 T	05-10-1989
				JP	2620353 B2	11-06-1997
				KR	9608015 B1	19-06-1996
	•			KR	9613714 B1	10-10-1996
				MC NO	1931 A	19-05-1989
				NO	882670 A ,B,	16-08-1988
	•			NO PH	920877 A	16-08-1988
				RU Wo	2021881 C1 8802677 A2	30-10-1994
•	•			US	4937420 A	21-04-1988 26-06-1990
				US	5382308 A	17-01-1995
				US	5597589 A	28-01-1997
				US	4938816 A	03-07-1990
				US	4944817 A	31-07-1990
	•			US	5616294 A	01-04-1997
				US	5639070 A	17-06-1997
				US	5132143 A	21-07-1992
					<del></del>	